

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) An arrangement for an alternating-current machine {2} that can be connected to an inverter, said machine including windings {8} located in grooves {6} and insulated from the plate core {4} of the machine, ~~characterised in that~~ wherein an electrically conductive shield {20;22,24;26} is fitted between the windings {8} and the plate core {4}, said shield comprising a number of parallel strips {22;26} separated from each other and insulated from the plate core, extending essentially over the length of the groove {6}, earthed {23;36} or connected to the plate core.

2. (Currently Amended) An arrangement according to claim 1, ~~characterised in that~~ wherein the shield {22,24;26} is earthed at the end where the winding is connected.

3. (Currently Amended) An arrangement according to claim 1, ~~characterised in that~~ wherein the shield is formed of axial strips {22;26} galvanically separated from each other within the area of the groove.

4. (Currently Amended) An arrangement according to claim 1, ~~characterised in that~~ wherein the conductive strip is aluminium.

5. (Currently Amended) An arrangement according to claim 1, ~~characterised in that~~ wherein the thickness of the conductive strip is in the order of 0.1 mm.

6. (Currently Amended) An arrangement according to claim 1, ~~characterised in that~~ wherein the electrically conductive strips (22) are formed of a conductive layer on top of an insulating layer (24) where the conductive layer is removed from strips (28) essentially parallel to the groove.

7. (Currently Amended) An arrangement according to claim 1, ~~characterised in that~~ wherein the electrically conductive strips essentially cover the bottom and walls of the groove (6).

8. (Currently Amended) An arrangement according to claim 1, ~~characterised in that~~ wherein the conductive strips are connected to each other at the end of the groove by means of a conductive link that is further earthed or connected to the plate core.

9. (Currently Amended) An arrangement according to claim 1, ~~characterised in that~~ wherein the shield is formed of a ribbon or tape (26) comprising a conductive layer and an insulating layer, wound around the winding (29,30) at least over the area of the winding fitted in the groove.